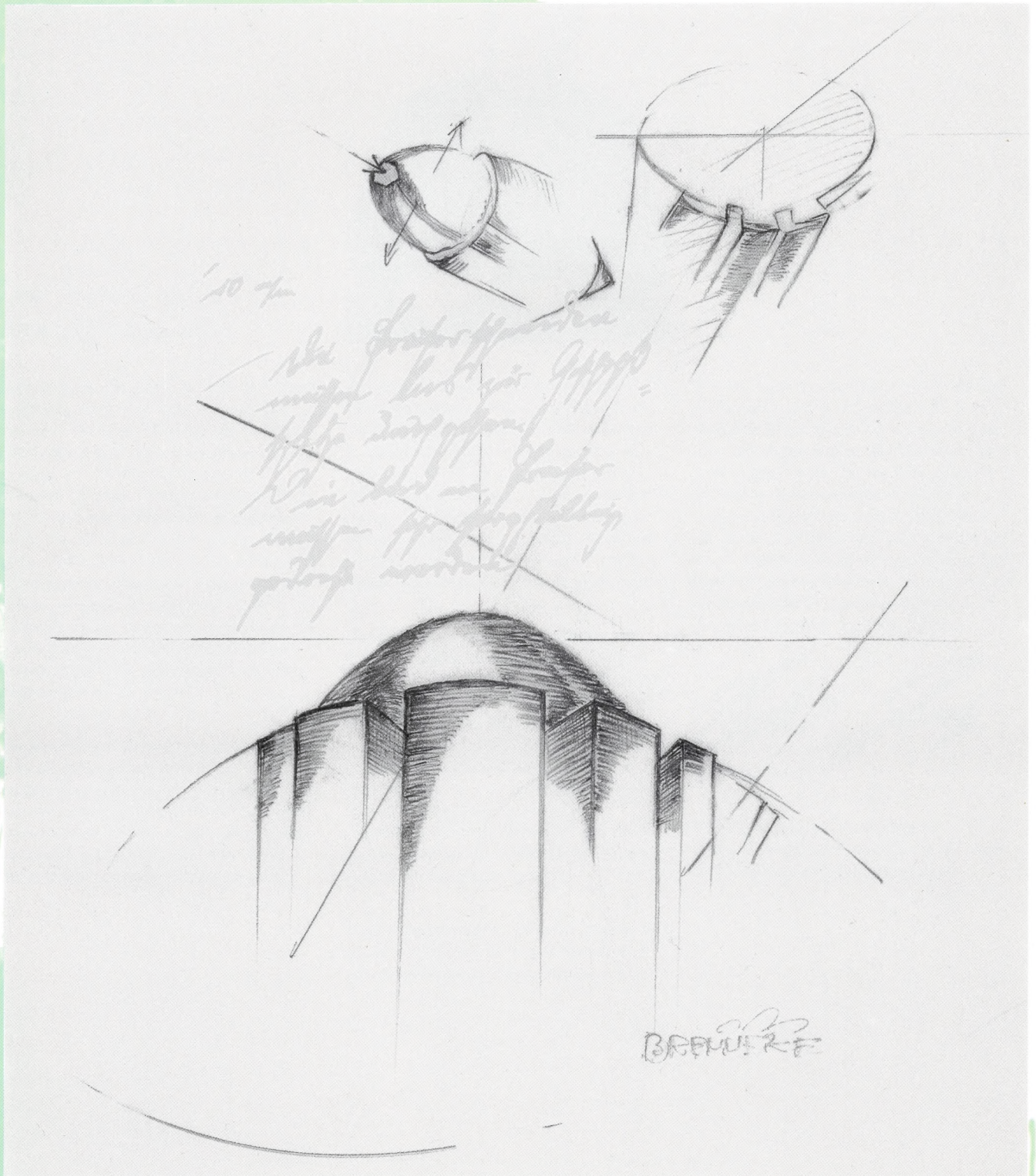


HISTORY OF THE FIRM OF
WILHELM BRENNEKE
1895 - 1995



FOREWORD



Dear Hunters and Brenneke Enthusiasts,

From a statistical point of view, out of one hundred companies, only one has the chance to become 100 years old or older. The dangers and risks in business life are too high on the one hand, and the potential of ideas, patience, experience, capital and the will to survive is too low on the other hand. Being big with regard to the number of employees and turnover guarantees the success of a company just as little as a well-known product or company name. The crises of the 20th century have confirmed this to us by wiping many once renowned companies off the market.

The formula for the success of a company is, in my view, much rather the combination of several key factors. This includes important basic inventions and developments as well as specialization in the market niche determined by them. Moreover, the consistent development

and maintenance of customer relations, the clear organization of a entrepreneur-managed family-owned business as well as qualified and committed employees assure the survival of a company even during difficult times. Another essential factor, it seems to me, is also a timeless attractive assortment of products and/or services, with which a company is able to retain its customers on a long-term basis.

The previously mentioned criteria for long-term company success all apply to the firm of BRENNEKE, for which we are especially proud. This has been a central theme throughout our 100 years of company history that is otherwise marked by highs and lows, which we have laid out for you in chronological order on the following pages in connection with the important personal dates of the family as well as the events that were of importance to us.

The vernacular says, "He who reaches 100 years, will become as old as Methuselah". This gives us hope for the future.

The fact that we are able to celebrate the 100th anniversary of the firm of BRENNEKE is, above all, thanks to you, our customers, and to the trust that you have placed in us. We are very grateful for this and we also regard this as a responsibility for the future. With this, the name of BRENNEKE will continue to stand worldwide for fair huntsmanship, hunting success, high-tech quality and an environmentally conscious approach to the increasingly endangered nature!



Dr. Peter Mank

Managing partner of the firm of
Wilhelm Brenneke GmbH & Co. KG and
BRENNEKE GMBH, Langenhagen

100 YEARS OF BRENNEKE - HISTORY

1. 4. 1895 Establishment of the firm of "Wilhelm Brenneke, Gewehr- und Geschosßfabrik" in Leipzig. Operation of a branch house for seven years in Suhl for the production of the self-cocking Brenneke safety gun, an expensive special gun for a limited group of enthusiasts.

From 1900 Assumption of trade with automobiles; firstly various French makes, then from 1904 HORCH and from 1905 DIXI general agency, from 1924 Mauser and Essex agency.

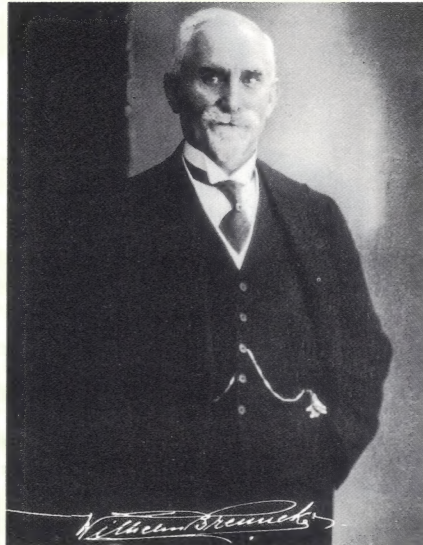
From 1906 First hunting-grounds in Tornau with a plentiful stock of roedeer, red deer and wild boar. In the interest of fair huntsmanship, Wilhelm Brenneke placed great value on the quick-killing effect of a bullet. His aim was to kill the game animal dead on the spot. He performed an exact examination of each projectile path in order to ensure that, with bullet development, the shot-at game should no longer die an agonizing death. Principles, which Wilhelm Brenneke, being a great animal and nature lover, based all of his designs on.

1910 Great success at the hunting exhibition in Vienna. The company was awarded with the silver medal.

1917 and 1921 Loss of both sons, Walter (born in 1894) killed in action in World War I and Wilhelm (born in 1898) by an auto accident. Daughter Elsa (born in 1901) enters into her father's business.

1925 As a 60-year old, Wilhelm Brenneke won 3rd prize in the 2000 kilometer Cross-Germany rallye.

1936 Moved into new, larger business premises at Gottschedstrasse 6 in Leipzig; gave up the car dealership business in favor of gun and bullet manufacturing. At the end of the 30's, the annual sales of the Original BRENNEKE® shotgun slug rose to more than 750,000 pieces. Approx. 20 employees were on the staff.



1937 Worldwide recognition and great commercial success of the BRENNEKE firm at the "Große Internationale Jagdausstellung" in Berlin (International hunting exhibition).

1943 Conversion of the firm into an OHG (unlimited company). Admission of daughter Elsa as a partner.

1944 Loss of grandson Hans-Walter in the 2nd World War (killed in action in Russia).

30. 3. 1945 80th birthday of Wilhelm Brenneke and also the 50th anniversary of the company.



Hunting success in the hunting ground of Tornau



International hunting exhibition 1937



Company headquarters at Gottschedstrasse 6, Leipzig

1945-1950 Severe curtailment of business activities due to the end of the war and the post-war period. Loss of over 100 guns and over 100,000 cartridges. First modest reconstruction with the assistance of a Russian general, a Brenneke enthusiast.

100 YEARS OF BRENNEKE - HISTORY



Production in West Berlin

July 1951 Relocation of the company to West Berlin.

4. 11. 1951 Death of Wilhelm Brenneke at the age of 87 after a fulfilled life as a brilliant designer of bullets, slugs, cartridges and hunting weapons.

1951 Conversion of the firm of Wilhelm Brenneke into a KG (limited partnership) with the general partner and/or managing partner Elsa Brenneke. Resumption of the shotgun slug production in West Berlin.

1954 Move into a new, three-storey production and office building in Berlin-Neukölln (Karl-Marx-Strasse 128).

1955 60th anniversary of the company as well as opening of a firearms shop in the vicinity of the city hall of Berlin-Schöneberg, Dominicusstrasse 23. The business premises were subsequently expanded with the addition of a second shop. With six large shop windows and a wide ranged assortment of hunting and sporting firearms, ammunition, accessories as well as hunting clothing of all kinds. The company became by far the leading firearms shop in West Berlin for one and a half decades. A development, which was accomplished even in face of the strict regulations and controls by the Allied command.



Honouring of Mrs. Elsa Brenneke in the Rod and Gun Club Berlin



Shop at Dominicusstrasse 23, West Berlin

From 1955 Beginning of the production of DWM hunting rifle cartridges loaded with Original BRENNEKE® Torpedo-Ideal- and Torpedo-Universal-Bullets (TIG® and TUG®) by Industrie-Werke Karlsruhe AG in the branch plant Grötzingen. The turnover trend was very positive. From 1955 until 1972, eight million pieces of the Original BRENNEKE® TIG® 10.5 g in caliber 7 mm alone were produced. In the same year, production was resumed of the Original BRENNEKE® repeating rifles, which were made above all in the BRENNEKE calibers 7 x 64, 8 x 64 S as well as 9.3 x 64.

1953 - 1968 Participation in various trade fairs at home and abroad; start of export to France and the U.S.A.

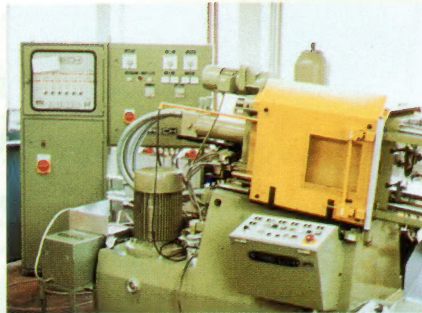
30. 3. 1965 For the 100th birthday of the company founder, Wilhelm Brenneke, extensive articles were published in all hunting and gun magazines, in which his life's work and the worldwide success of his designs were emphasized.

1970 75th anniversary of the company. Numerous honours were bestowed on the daughter of the company founder, Elsa Brenneke, by the shooting fraternity, especially from West-Berlin. Thanks to her extreme commitment and her expertise, the name of BRENNEKE was not only able to survive the difficult post-war period and the years of reconstruction following the war, but was also able to obtain worldwide importance once again.

100 YEARS OF BRENNEKE - HISTORY



Company grounds in Langenhagen



Automatic die casting machine



1.4.1975 80th anniversary of the company, which was associated with a change in the business management. Waltraud Mank assumed the business management as a general partner, while Elsa Brenneke, as a limited partner, gradually withdrew from business life.



DWM rifle cartridges with TIG® and TUG®

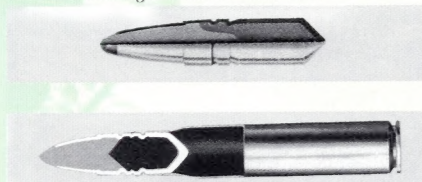


RWS rifle cartridges with TIG® and TUG®

1971 Purchase of company grounds for the production and administration in Langenhagen near Hanover, relocation of the company from West Berlin to Langenhagen for family reasons; sale of the shop business in West Berlin.

1972 Extraordinary termination of the license contract for the production of DWM rifle cartridges with Original BRENNEKE® TIG® and TUG® by the Industriewerke Karlsruhe AG due to closing of the Grötzingen works. This closure, which was due to the lack of orders in the branch of military ammunition, represents a serious turning point in the history of German hunting ammunition and had far-reaching consequences that can partially still be felt today.

1973 The granddaughter of Wilhelm Brenneke and daughter of Elsa Brenneke, Waltraud Mank (born in 1926) joined



the company. With her support, it was possible to assure the continuation of the production of Original BRENNEKE® Torpedo-Ideal- and Torpedo-Universal-Bullets and their loading in RWS rifle cartridges. After an appropriate start-up period, a complete cartridge program could be offered, the sales of which developed in a very positive manner in the period following.

1973/1974 Due to the strongly growing demand for Original BRENNEKE® shotgun slugs, the production was expanded, reorganized and rationalized. So, for the first time in 1974, over 5 million "Brennekes" were produced and primarily exported.

1976 - 1984 Production and sale of the SAUER-BRENNEKE rifle in the caliber 9.3 x 64 by the firm of Sauer & Sohn in Eckernförde.

From 1977 Expansion of the production to customer cast parts made of lead and zinc with gradual automation of the single product branches; use of the most up-to-date die-casting machines, high-performance tools, automatic assembly machines, deburring machines as well as finishing equipment.

1.9.1978 An "operational split" of the company was carried out: The newly established firm of Mank GmbH assumed the production and sale of the Original BRENNEKE® shotgun slug as well as the other die-cast products, while Wilhelm Brenneke KG was continued as a holding company (licensing, administration and leasing). It remains the contact partner for all hunters. Dipl.-Volkswirt (economist) Peter Mank (born in 1951), son of Waltraud Mank and the great-grandson of Wilhelm Brenneke, assumed responsibility in the company to an increasing extent.

100 YEARS OF BRENNEKE - HISTORY



Section of a cartridge with "Brenneke"

July 1980 Managing director Waltraud Mank who, with a high degree of personal commitment and a great deal of sympathetic understanding, laid the foundation for the security of the company on a long-term basis, died unexpectedly at the age of 54. Diplom-Volkswirt Peter Mank assumed management of Wilhelm Brenneke KG and Mank GmbH.

12. 7. 1983 Elsa Brenneke dies at the age of 82. Due to her great personal commitment during her active time in the company she assured under difficult conditions the preservation of the firm and of the name BRENNEKE.

1983/1984 Commitment of the company and its managing director Peter Mank to the "Aktion Fischotterschutz e. V.". This action and numerous other actions initiated by the firm of BRENNEKE for the attainment of donations, gave this environmental protection association a high degree of attention in the specialized and general press and led to a significant amount of donations.



Waltraud Mank (1926 - 1980)



Threatened by extinction: The otter

1985 Participation for the first time in the SHOT SHOW in Atlanta (U.S.A.), the largest hunting exhibition in the world, and in the "Internationale Ausstellung für Jagdwaffen und -zubehör" (International exhibition for hunting weapons and accessories) (IWA) in Nuremberg with an impressive booth at each. Also a reorientation of the sales activities is initiated.

Introduction of the new generation of Original BRENNEKE® repeating rifles on the basis of the Mauser 98 action - resuming production that was stopped in 1973 - in the versions STANDARD, STUTZEN, MAGNUM and SAFARI (from 1986). For these high-quality hunting weapons individually custom-made according to customer requests, a special customer questionnaire and order form was developed with various selection possibilities with regard to the equipment. Moreover, the assortment of



BRENNEKE fair booth at the Shot Show '85



BRENNEKE fair booth at the IWA '85

Sign of all Original
BRENNEKE rifles
(Trademark since 1935)



training aids for the training of new hunters was reinforced and expanded. The quantity of 14 million produced TIG® bullets 10.5 g in caliber 7 mm was achieved since the the resumption of production in 1956.

For the 50th anniversary of the Original BRENNEKE® shotgun slug (model 1935) produced almost unchanged, a key chain in the form of an original slug in the caliber 16 was created.

100 YEARS OF BRENNEKE - HISTORY

1986 Establishment of the firm of "Venator* Vertriebs-GmbH" for high-quality hunting weapons and accessories, responsible for sales of the Original BRENNEKE® rifles, BRENNEKE hunting accessories and other commercial transactions. (* venator = latin word for hunter, huntsman).

In the same year: Introduction of the new Original BRENNEKE® sighting-in-target with centimeter grid as well as the new 25 series packing of the Original BRENNEKE® shotgun slug for handloaders.

1987 On the occasion of an extraordinary general meeting of the "Aktion Fischotterschutz e. V." in Hanover, Diplom-Volkswirt Peter Mank was elected as one of the two vice-chairmen. A resolution was passed to establish an otter center, for which the firm of BRENNEKE assumed the role of sponsor.

A critical analysis of the German firearms trade and its function for hunters and marksmen was worked out. This study gave rise to a strong response from the consumers and in the hunting press.

1988 First issue of reloading data for all Original BRENNEKE® TIG® and TUC® bullets developed by DEVA institute. Market introduction of the special bullets "Monolithic Solid", "Dead Tough" and "Lion Load" of the US firm of A-Square in Germany. (**)

30. 9. 1988 10th anniversary of Mank GmbH as a manufacturer of precision die-cast products made of lead and zinc. 160 million die-cast parts were produced during these ten years, each with a precision of up to a hundredth of a millimeter. This was an occasion for a great celebration with approx. 200 guests from home and abroad. During a tour of the company, they were acquainted with the modern production of the Original BRENNEKE® shotgun slug, of functional parts for construction fittings and of poles for car starter batteries. In a tent set-up



SAFARI festival in September 1988

with a jungle background, exotic drinks and African delicacies were served. Jungle atmosphere with a snake show and African dances rounded off the program.

March 1989 Publication of the "Nürnberger Erklärung", in which the firms of Heym, Hofmann, Leica, Optolyth, Schmidt + Bender as well as BRENNEKE promoted one open day for the public at the IWA-fair. In the same year: Offer of the Original BRENNEKE® rifles with the original Mauser Magnum action from the firm of Hartmann & Weiss, simultaneous assumption of the exclusive representation of all Kepplinger hunting weapons (Kufstein/Tirol) for Germany. (***)

October 1989 On the occasion of the activities for the mediation of occupations and vocational guidance in the city hall of Langenhagen, Peter Mank presented the mayor of the city, Waltraud Krückeberg, the municipal coat of arms with the lion produced in sand casting. His company has been highly involved



Opening of the career market



since 1983 in the training of industrial businessmen, foundry workers and/or industrial mechanics to insure a new generation of qualified specialists.

March 1990 In remembrance of the 125th birthday of the company founder Wilhelm Brenneke (born on 30th March 1865), extensive documentation concerning his life's history and his technical developments was published. The birthday and the company's own documentation was given great attention in the specialized hunting press. At the IWA, the hunting rifle model BRENNEKE from Kepplinger was presented, which guarantees a grouping performance of 30 mm with 5 shots at 100 m. (***) In addition, the A-Square big game rifle "Hannibal" was offered to the German hunters, built on the P 14-Enfield-System. (**)

**) Since 1993, the sale of all A-Square products in Germany has been carried out by the firm of Sport + Jagd GmbH, D-74585 Hausen am Bach.

***) Since 1992, the sale of all Kepplinger products in Germany has been carried out directly by the firm of Kepplinger, Kufstein (Austria).

100 YEARS OF BRENNKE - HISTORY



The 100 millionth "Brenneke"

As a standard for the shooting performance of shotguns with the use of Original BRENNKE® slugs, the "LANGENHAGENER NORM" was introduced. The maximum permissible dispersion when shooting slugs is stipulated in this norm. The "LANGENHAGENER NORM" has meanwhile become a standard with the manufacturers of high-quality hunting shotguns.

16.10.1990 Peter Mank took his degree of Dr. rer. pol. at the University of Trier with a thesis dealing with the topic of personnel policies in mid-size companies. The paper was published in the branch of economy books of the Frankfurter Allgemeinen Zeitung (FAZ).

1991 The quantity of 100 million Original BRENNKE® shotgun slugs produced in Langenhagen since 1971 was reached. It was also the year in which BRENNKE was present once again in Leipzig after an absence of 40 years. The occasion for this was the 1st fair for Nature, Hunting and Fishing being held in Leipzig (14th - 18th September).



Small party in Langenhagen (from right to left: Dr. A. Homburg, Dr. P. Mank, H. H. Keusgen, G. Köchel)



Burning OTTER-ZENTRUM

1992 As an alternative to the open day at the IWA that could not be held, a special show - called Mini-IWA - of the German hunting and sporting weapon branch was held for the first time on the occasion of the "Jagd und Hund" in Dortmund with the participation of BRENNKE. At the same time, the new "BRENNKE-Info-Set" for the training of new hunters was introduced. The set contains samples of all Original BRENNKE® shotgun slugs and rifle bullets. 1992 was also the year in which the pump action repeater from Ithaca (model BRENNKE) with rifled barrel (short twist) in caliber 12/76 was introduced to the market. The gun is designed for the new cartridge Rottweil BRENNKE-Gold. For reasons of profitability, the production of zinc die-cast parts was stopped.

1993 For the first time since the existence of the company, an annual production of over 10 million Original BRENNKE® slugs was achieved.

In November, the 20-year partnership between DYNAMIT NOBEL AG and BRENNKE, based on an exclusive contract for the production of the rifle cartridges loaded with TIG® and TUG® bullets, was celebrated. With this, the chairman of the board of Dynamit Nobel AG, Dr. Axel Homburg, paid tribute to the successful sales trend of the RWS rifle cartridges with Original BRENNKE® TIG® and TUG®. He gave as the reason for this success the special design features and the high production quality of the bullet, which has held a leading position in the domestic market for a long time.

2.12.1993 A large fire destroyed the main building of the OTTER-ZENTRUM in Hankensbüttel (district of Gifhorn, Lower Saxony). Arson was determined to be the cause of the fire. In the same month, the hunters community of Mallnow in the "Landesjagdverband Brandenburg" changed their name to "Jägerschaft BRENNKE Mallnow". The name was changed to pay tribute to the hunting success that East German hunters have achieved with slugs in the past and the present.

100 YEARS OF BRENNEKE - HISTORY

January 1994 The firm of Mank GmbH changed its name to BRENNEKE GMBH. The former Venator Vertriebs-GmbH, the business function of which will be continued by BRENNEKE GMBH, changed its name to Mank Beteiligungs-GmbH. It is now a general partner in the holding company, which is named Wilhelm Brenneke GmbH & Co. KG. In addition, the commercial teacher Agnes Mank was appointed as the sole authorized managing director. She represents Dr. Mank during his absence.



1st cut of the spade for reconstruction

March 1994 On the occasion of the IWA '94, introduction of new training aids in the form of overhead transparencies for the training of new hunters as well as the BRENNEKE brochure "Basic knowledge of firearms and ammunition" for test preparation for hunting license candidates. OTTER-ZENTRUM: Because of the loss of income due to the fire as well as unjustified allegations against the managing director of the Aktion Fischotterschutz e. V., Claus Reuther, the association was brought into a very difficult financial situation. Thanks to the exemplary assistance of enthusiasts, promoters and members of the association, C. Reuther and Dr. Mank were able to work out a comprehensive rescue plan. With the funds in the total amount of 6.2 million marks pledged from various sources, reconstruction of the destroyed main building at the OTTER-ZENTRUM was started on 2nd December 1994.



BRENNEKE cartridges for the US market



The BRENNEKE-team in Langenhagen

January 1995 Establishment of BRENNEKE OF AMERICA LTD. and presentation of a new sales concept at the SHOT SHOW in Las Vegas. A program specially adapted for the US market of 11 different cartridges with Original BRENNEKE® shotgun slugs, which are loaded at Dynamit Nobel AG, was presented.

1.4.1995 100 year anniversary of BRENNEKE - a company that today has the largest assortment worldwide of slugs for a wide range of types of game and hunting conditions. In addition to that, the TIG® and TUG® bullets produced and loaded by the firm of DYNAMIT NOBEL AG (RWS) are among the most sold bullets in West Europe.

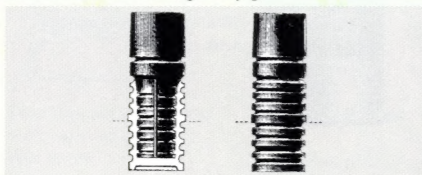
INVENTIONS AND DEVELOPMENTS

1895 BRENNKE self-cocking safety gun, which combined the advantages of the hammerless, self-cocking guns with the advantages of hammer guns, without their disadvantages. Due to the four-fold acting, automatic safety for all moving lock parts, the gun is on safe up to the last moment before firing (two German Reich patents).



BRENNKE self-cocking safety gun

1897 Alloy lead bullets - encased by a hard jacket for the first time - in various calibers.



Alloy lead bullets

1898 Lead semi-jacketed bullets with and without paper patch (front part soft lead, rear bullet part and guide jacket made of a very hard lead). BRENNKE cartridges 8 x 72 R with slim, conical case for handy and light break-down guns, with the same performance as the 8 x 57 IR.

1st Model of the BRENNKE shotgun slug with 6 guide ribs, flat head and screwed on felt wads; for pachyderm with steel point.



The first "BRENNKEs"



8 x 72 R BRENNKE



8 x 64 BRENNKE



7 x 65 R BRENNKE

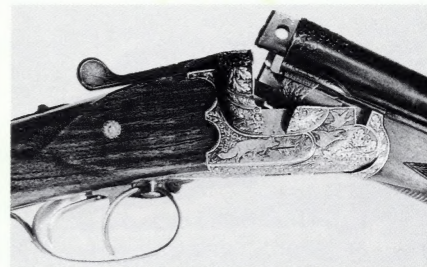
1905 BRENNKE action for drop-down guns with two additional lumps on both sides of the chambers which lock into the outer walls of the action, delivered in open or covered execution. BRENNKE ejector, cartridge ejector with two pushbuttons on the right and left side of the forearm.

BRENNKE Ideal-Bullets in caliber 8 mm and 9.3 mm, front core soft and easily deformable, the rear core hard and difficult to deform.

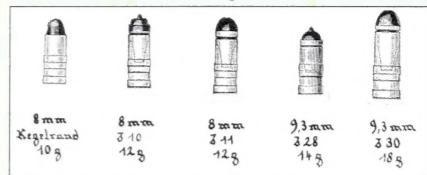
BRENNKE cartridge 8 x 80 with slim, conical case.

1910 BRENNKE shotgun slug with 3 guide rings and flat head.

1912 BRENNKE high performance cartridges 8 x 64 for repeating rifles as well as 8 x 65 R for drop-down guns, best effect - especially in connection with the subsequent Torpedo-Ideal-Bullets.



BRENNKE action with lumps



BRENNKE Ideal-Bullets



The following calibers and bullet weights of the TIG® were available: cal. 7 mm: 9.5 g, 10.5 g, 11.5 g; cal. 8 mm: 13.4 g, later replaced by 12.7 g, 14.5 g; cal. 9.3 mm: 19.6 g with bronze point for pachyderm.

1920 BRENNKE shotgun slug, improved model with 12 guide ribs and a hard lead point, resulting in increased precision and penetration power, further improvements until 1935.

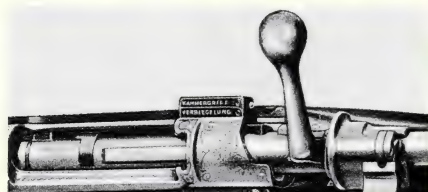
1917 BRENNKE high performance cartridges 7 x 64 and 7 x 65 R, flat shooting cartridges with high speed and impact energy and very high accuracy, the leading hunting cartridges in Europe until today.

1917 - 27 BRENNKE Torpedo-Ideal-Bullets (short name: TIG®), same inner construction as the BRENNKE Ideal-Bullet from 1910, however, with higher ballistic coefficient, more pointed with torpedo-tail, and brass pin in the lead point or bronze point for reinforcement.

Design of various bullet constructions until 1927. Objective: safe, reliable and fast-killing effect.

1926 Right-sided rifle scope slide on mounts for drop-down guns. Advantages: no disturbing bases, quick view unhindered, when using the open sights, low mounting possible.

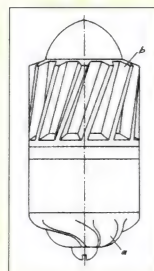
INVENTIONS AND DEVELOPMENTS



Improved repeating rifle
model Mauser 98



9.3 x 64 BRENNEKE



BRENNEKE shotgun-slug
with turbine

1927 BRENNEKE cartridge cal. 7 x 72 R with slim, conical case; sister cartridge of the 8 x 72 R with the same advantages.

BRENNEKE big game cartridge 9.3 x 64 as a fully new development, the performance of which is partially superior to the .375 H & H Mag., in particular at long shooting distances. Highly suitable until today for all species of hoofed game as well as for big game (real universal cartridge for Africa).

1930 BRENNEKE big game cartridge 9.3 x 65 R for drop-down guns (special for heavy double rifles).

BRENNEKE sharp-cutting edge in the jacket of slim, pointed bullets to obtain an open entry-hole with cut hair and blood, can be used with all BRENNEKE rifle bullets.

Special cartridge for BRENNEKE shotgun slugs, loaded by the powder factories Rottweil and Hasloch with 20 percent higher performance, V5 = 445 m/s; recognition as best replacement for buckshot.

1933 Improvements to the repeating rifle model Mauser 98; closure of the so-called thumb hole at the left side of the receiver, longer cartridge extractor with special drag spring, attachment of a bolt-handle lock as well as a magazine cover lock.

1935 BRENNEKE Torpedo-Universal-Bullet (short name: TUG®); same design principle as the TIG®, but with pointed shape of the rear core, which protrudes into the softer front core. With strong game, an even better penetration is achieved with this. The TUG® was produced in the following calibers and bullet weights: cal. 7 mm: 11.2 g; cal. .30: 11.7 g; cal. 9.3 mm: 16.6 g, 19.0 g, 19.5 g. Moreover, a BRENNEKE semi-jacketed bullet was developed for deer and chamois with a sharp-point edge in the caliber 7 mm and with a weight of 9.5 g. Last completed improvement of the BRENNEKE shotgun slug; the 1935 model, used the 12 slanted guide ribs instead of the guide rings used before with the 1931 model. The slug is still being produced today in mass quantities due to its universal use in shotguns of all kinds - even with the tightest chokes - with the highest target accuracy.

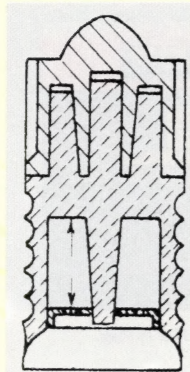
1938 - 1942 Design of the BRENNEKE maximum cartridge 8 x 66, which was planned for use with the 12.7 g and 14.5 g TIG®, and the 7 x 66 and 9.3 x 66. The preparation work could not be completed to make a product ready for the market due to the war.

1942 BRENNEKE shotgun slug, which rotates due to wind and gas pressure. Ribs running outwards with screw-shaped side surfaces are mounted on the bottom of the slug, and are supposed to set the slug into a stabilized rotary motion (prevention of pendulum motions and tipping-over of the slug); except for prototypes, series production was not carried out.

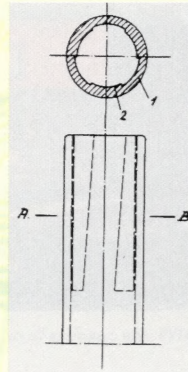
INVENTIONS AND DEVELOPMENTS

1948 BRENNEKE shotgun slug with cast lead journal (Mod. 1948), which was not put to use.

1950 Development of a shotgun choke bore with rifling twist (3-5 cm long, with three 8 mm wide grooves at the muzzle). The BRENNEKE shotgun slug should be brought into rotation with this, a better exit at the muzzle and increased precision should be achieved. Practical use of this 1951 patented idea in the rifled shotguns that are used today.



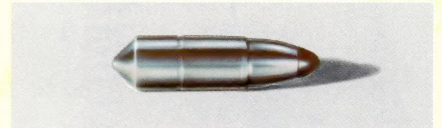
Prototype of shotgun slug with patented plastic rear section



Patented rifled choke



RWS rifle cartridge cal. 7 mm Rem. Mag.



Torpedo-Ideal-Bullet 9.7 g in cal. .30

1975 - 1984 Development of various models of a BRENNEKE shotgun slug with plastic rear section. The 1984 patented model forms inside the cartridge case an inner chamber for damping the gas pressure. Construction of various prototypes.

1982/83 Various test series with Dynamit Nobel AG, to replace the nickel-plated soft-steel jacket of the TUG® 11.7 g in Cal. .30 with a tombac metal jacket. A satisfactory result was not achieved.

1984 Introduction of the new RWS rifle cartridge in cal. .300 Win. Mag. with the Original BRENNEKE® Torpedo-Universal-Bullet 11.7 g. Due to the excellent quality, this cartridge has taken over first place in the market.

1985 First practical use of the Original BRENNEKE® shotgun slug with the new patented plastic rear section in cal. .410 (= 36).

1986 RWS rifle cartridge in cal. 7 mm Rem. Mag. with the Original BRENNEKE® Torpedo-Ideal-Bullet 11.5 g with excellent ballistic data.

1987 RWS rifle cartridge in cal. .280 Rem. with the Original BRENNEKE TIG® 10.5 g which, above all, was earmarked for the French market.

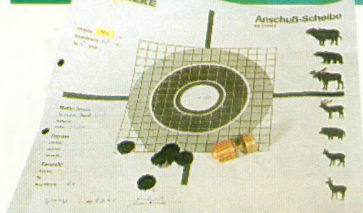
1988 Market introduction of the TIG® 9.7 g (150 grain), newly developed by Dynamit Nobel AG, which is offered in the RWS rifle cartridges .308 Win. and .30-06 as well as for the reloader. These loads are highly suitable for light to medium weight hoofed game and have proved to be excellent in practical hunting use.



Shotgun slug cartridge cal. .410 Mag., slug with plastic rear section

Rottweil BRENNEKE cartridges in cal. .410 Mag. as well as in French cal. 12 mm (= 36/50). The newly developed slug base made of plastic is used in the 73 mm long case (3").

INVENTIONS AND DEVELOPMENTS



The "Golden Slug"

1989 New Original BRENNEKE® shotgun slug cal. 12 Mag. with a patented plastic rear section and a weight of 39 g (600 grain) for cartridges in cal. 12/76, which are mainly used in the US market. Introduction of the new rifle caliber 6.5 x 64 BRENNEKE, which was mutually developed with the firm of Kepplinger from the US Wildcat 6.5-06 and which solves existing problems with other cartridges in cal. 6.5 mm.

1991 Newly designed RWS rifle cartridge .30 R Blaser with Original BRENNEKE® TUG® 11.7 g, which enjoys increasing popularity as a high-performance rimmed version of the .30-06.

1992 Market introduction of the new golden Original BRENNEKE® shotgun slug ("Golden Slug") for cal. 12/76 with a weight of 39 g (600 grain). This slug is produced using a new production process and is earmarked for the US market. Due to the modified shape of the head, it can only be used in rifled shotguns. The Rottweil BRENNEKE GOLD achieved a shooting precision at 100 m previously not thought to be possible, being distinctly less than 10 cm grouping with 5 shots.



RWS rifle cartridge in cal. .375 H & H Mag.

In the same year, the new Torpedo-Universal-Bullet was introduced with 19.5 g (300 grain) in an RWS rifle cartridge in cal. .375 H & H Mag..

1993 Newly developed Original BRENNEKE® shotgun slug in cal. 12, model EMERALD (34 g) and in cal. 20 Mag., model SILVER (28.35 g) for cartridges in cal. 20/76. Both slugs have the patented plastic rear section. While the 34 g version, above all, is used in France as VIRI-BRENNEKE, the Rottweil BRENNEKE cal. 20/76 closes a gap in the market to the joy of the enthusiasts of this caliber. It has about the same performance as the normal BRENNEKE shotgun slug in cal. 12/70.

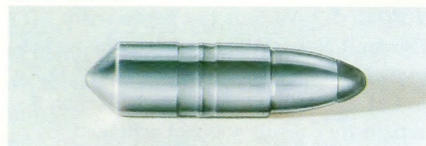
1994 Introduction of the new Original BRENNEKE® shotgun slug, model BRONCE, in cal. 12 with a weight of 28.35 g. It is being offered in the Rottweil BRENNEKE cartridge (M.P.) as well as in the new Treffer BRENNEKE from Schönebeck for a favorable price.



Special slugs for cal. 20/76 and cal. 12/70



Model BRONCE



Torpedo-Universal-Bullet 19.5 g in cal. .375

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